

**C4a-PT: Preserve or Transfer, Clay County,
(Section 31, Hagen Township, & Section 6, Keene Township)**

Aggregate Potential:

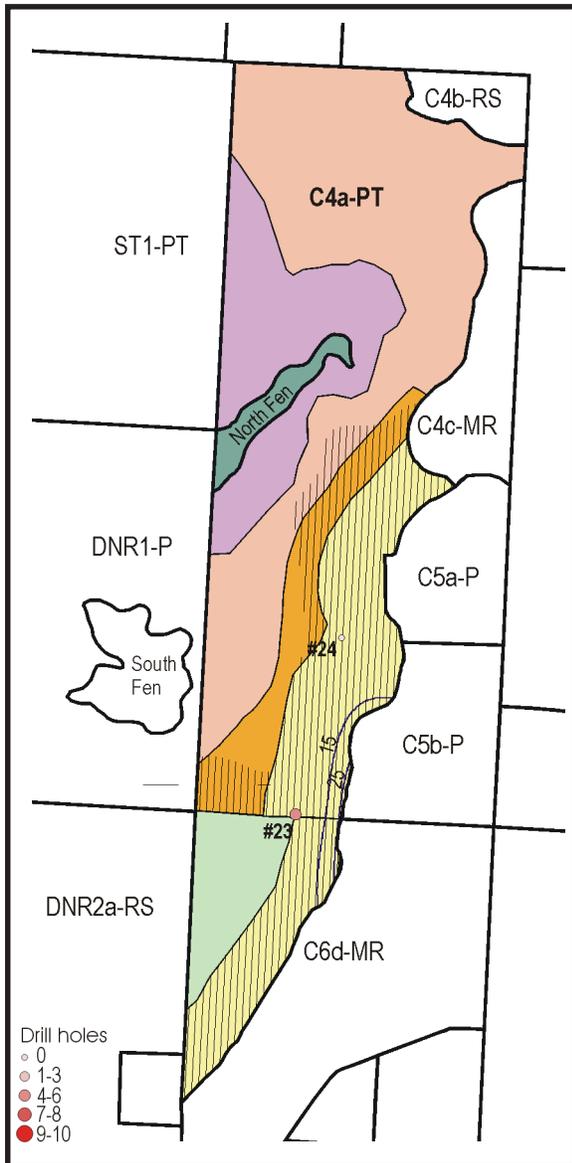
Along the southeast boundary aggregate samples indicate average quality and high overburden.

Prairie Habitat Assessment:

Diverse gradation from wet to dry habitats. Documented rare plants and butterfly habitat with severe woody encroachment.

Fen Impacts:

The north fen is located in this parcel. Mining below the water table buffer would impact this and the south fen that borders this parcel.



Area Statistics

	Landtype	Acres
	Grassland	14.03
	Dry Prairie (Northwest) Sand-Gravel Subtype	50.37
	Mesic Prairie (Northwest)	19.93
	Shrub Swamp Seepage Subtype	37.69
	Wet Prairie (Northwest)	89.08
	North Fen	5.62
<i>Total</i>		216.72

Dakota Skipper Habitat

Habitat	Acres	
Confirmed Good	66.79	
<i>Total</i>		66.79

Drillhole Statistics

Drillhole	Gravel Thickness	Gravel Above Fen	Aggregate Ratio	Quality
23	42	NA	4.20	5.0
24	0	NA	0.00	0.0

Drillhole symbols are scaled and colored to represent the committee's estimate of the deposit quality. Quality increases with circle size and saturation.

Dotted contours represent the overburden to aggregate thickness ratio. Numbers represent the thickness of aggregate per foot of overburden.

Recommendations:

This area offers little aggregate value to the county but high habitat complexity and fragility. Preserve permanently through easement, sale, transfer, or other protection agreement to a conservation entity like DNR or The Nature Conservancy.

Habitat Management:

Maintain and enhance prairie by prescribed burning or haying. Remove woody vegetation by girdling, cutting, and prescribed burning. Continue to monitor the fen.

Timeframe:

The county should explore options to transfer this land for the purchase of Class 5 or property where this material can be mined in the immediate future.

